

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/526,369
Source: PCT
Date Processed by STIC: 03/06/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/526,369

TIME: 15:58:56

Input Set : A:\2005-10-19 1422-0666PUS1.ST25.txt

Output Set: N:\CRF4\03062006\J526369.raw

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3 <110> APPLICANT: Iwao KATSUYAMA et al.
5 <120> TITLE OF INVENTION: METHOD OF SCREENING PHYSIOLOGICALLY ACTIVE SUBSTANCE
7 <130> FILE REFERENCE: 1422-0666PUS1
9 <140> CURRENT APPLICATION NUMBER: US 10/526,369
10 <141> CURRENT FILING DATE: 2005-03-03
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011329
13 <151> PRIOR FILING DATE: 2003-09-05
15 <160> NUMBER OF SEQ ID NOS: 9
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 138
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
22 <400> SEQUENCE: 1
23 Met Gln Leu Glu Ile Gln Val Ala Leu Asn Phe Ile Ile Ser Tyr Leu
24 1 5 10 15
26 Tyr Asn Lys Leu Pro Arg Arg Arg Val Asn Ile Phe Gly Glu Glu Leu
27 20 25 30
29 Glu Arg Leu Leu Lys Lys Lys Tyr Glu Gly His Trp Tyr Pro Glu Lys
30 35 40 45
32 Pro Tyr Lys Gly Ser Gly Phe Arg Cys Ile His Ile Gly Glu Lys Val
33 50 55 60
35 Asp Pro Val Ile Glu Gln Ala Ser Lys Glu Ser Gly Leu Asp Ile Asp
36 65 70 75 80
38 Asp Val Arg Gly Asn Leu Pro Gln Asp Leu Ser Val Trp Ile Asp Pro
39 85 90 95
41 Phe Glu Val Ser Tyr Gln Ile Gly Glu Lys Gly Pro Val Lys Val Leu
42 100 105 110
44 Tyr Val Asp Asp Asn Asn Glu Asn Gly Cys Glu Leu Asp Lys Glu Ile
45 115 120 125
47 Lys Asn Ser Phe Asn Pro Glu Ala Gln Val
48 130 135
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 19
52 <212> TYPE: PRT
53 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 2
56 Tyr Glu Gly His Trp Tyr Pro Glu Lys Pro Tyr Lys Gly Ser Gly Phe
57 1 5 10 15
59 Arg Cys Ile
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 21
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens

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66 <400> SEQUENCE: 3

67 Leu Pro Gln Asp Leu Ser Val Trp Ile Asp Pro Phe Glu Val Ser Tyr
68 1 5 10 15

70 Gln Ile Gly Glu Lys

71 20

73 <210> SEQ ID NO: 4

74 <211> LENGTH: 285

75 <212> TYPE: PRT

76 <213> ORGANISM: Homo sapiens

78 <400> SEQUENCE: 4

79 Met Pro Ala Glu Thr Val Asp His Ser Gln Arg Ile Cys Glu Val Trp
80 1 5 10 15

83 Ala Cys Asn Leu Asp Glu Glu Met Lys Lys Ile Arg Gln Val Ile Arg

84 20 25 30

87 Lys Tyr Asn Tyr Val Ala Met Asp Thr Glu Phe Pro Gly Val Val Ala

88 35 40 45

91 Arg Pro Ile Gly Glu Phe Arg Ser Asn Ala Asp Tyr Gln Tyr Gln Leu

92 50 55 60

95 Leu Arg Cys Asn Val Asp Leu Leu Lys Ile Ile Gln Leu Gly Leu Thr

96 65 70 75 80

99 Phe Met Asn Glu Gln Gly Glu Tyr Pro Pro Gly Thr Ser Thr Trp Gln

100 85 90 95

103 Phe Asn Phe Lys Phe Asn Leu Thr Glu Asp Met Tyr Ala Gln Asp Ser

104 100 105 110

107 Ile Glu Leu Leu Thr Thr Ser Gly Ile Gln Phe Lys Lys His Glu Glu

108 115 120 125

111 Glu Gly Ile Glu Thr Gln Tyr Phe Ala Glu Leu Leu Met Thr Ser Gly

112 130 135 140

115 Val Val Leu Cys Glu Gly Val Lys Trp Leu Ser Phe His Ser Gly Tyr

116 145 150 155 160

119 Asp Phe Gly Tyr Leu Ile Lys Ile Leu Thr Asn Ser Asn Leu Pro Glu

120 165 170 175

123 Glu Glu Leu Asp Phe Phe Glu Ile Leu Arg Leu Phe Phe Pro Val Ile

124 180 185 190

127 Tyr Asp Val Lys Tyr Leu Met Lys Ser Cys Lys Asn Leu Lys Gly Gly

128 195 200 205

131 Leu Gln Glu Val Ala Glu Gln Leu Glu Leu Glu Arg Ile Gly Pro Gln

132 210 215 220

135 His Gln Ala Gly Ser Asp Ser Leu Leu Thr Gly Met Ala Phe Phe Lys

136 225 230 235 240

139 Met Arg Glu Met Phe Phe Glu Asp His Ile Asp Asp Ala Lys Tyr Cys

140 245 250 255

143 Gly His Leu Tyr Gly Leu Gly Ser Gly Ser Ser Tyr Val Gln Asn Gly

144 260 265 270

147 Thr Gly Asn Ala Tyr Glu Glu Glu Ala Asn Lys Gln Ser

148 275 280 285

151 <210> SEQ ID NO: 5

152 <211> LENGTH: 30

153 <212> TYPE: DNA

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154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: PCR primer to amplify tob gene
159 <400> SEQUENCE: 5
160 cccggatcca tgcagcttga aatccaagta 30
162 <210> SEQ ID NO: 6
163 <211> LENGTH: 30
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: PCR primer to amplify tob gene
170 <400> SEQUENCE: 6
171 cccgtcgacg ttagccataa caggctggaa 30
173 <210> SEQ ID NO: 7
174 <211> LENGTH: 21
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: PCR primer to amplify lck gene
181 <400> SEQUENCE: 7
182 atgggctgtg gctgcagctc a 21
184 <210> SEQ ID NO: 8
185 <211> LENGTH: 30
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: PCR primer to amplify lck gene
192 <400> SEQUENCE: 8
193 cccgtcgaca ggctgaggct ggtactggcc 30
195 <210> SEQ ID NO: 9
196 <211> LENGTH: 30
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: PCR primer to amplify lckYF gene
203 <400> SEQUENCE: 9
204 cccgtcgaca ggctgaggct gaaactggcc 30

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/526,369

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Input Set : A:\2005-10-19 1422-0666PUS1.ST25.txt

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